

**KLAUBER & JACKSON**  
ATTORNEYS AT LAW  
CONTINENTAL PLAZA  
411 HACKENSACK AVENUE  
HACKENSACK, NEW JERSEY 07601

STEFAN J. KLAUBER\*  
DAVID A. JACKSON  
MICHAEL D. DAVIS\*  
LAWRENCE D. MANDEL\*  
STEVE S. CHA  
STEVEN GIGANTE  
CATHERINE ROSEMAN SMITH\*

\* BAR OTHER THAN N.J.  
+ COUNSEL

PATENT AGENTS

CHRISTINE E. DIETZEL, PH.D.  
MICHAEL A. YAMIN, PH.D.

SCIENTIFIC ADVISOR

VERONICA M. MALLON, PH.D.

PATENT, TRADEMARK AND  
COPYRIGHT CAUSES

(201) 487-5800

FACSIMILE: (201) 343-1684

WWW.KJPLAW.COM

email: info@kjiplaw.com

December 6, 2001

ASSISTANT COMMISSIONER FOR PATENTS  
WASHINGTON, D.C. 20231

Attention: Box Missing Parts  
Application Processing Division  
Special Processing and Correspondence Branch

Re: U.S. Patent Application  
Applicant(s) : Alexey Ryazanov  
Serial No. : 09/832,292  
Filed : April 10, 2001  
Title : MAMMALIAN ALPHA-KINASE  
PROTEINS, NUCLEIC ACIDS AND  
DIAGNOSTIC & THERAPEUTIC USES  
THEREOF  
Docket No. : 601-1-098CIP

CERTIFICATE OF MAILING UNDER 37 CFR 1.8

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to BOX MISSING PARTS, ASSISTANT COMMISSIONER FOR PATENTS, WASHINGTON, DC 20231 on December 6, 2001

Christine E. Dietzel Reg. 37.309  
(Name of Registered Representative)

Martha Bussanich 12/6/01  
(Signature and Date)

SUBMISSION OF RESPONSE REGARDING MISSING PARTS OF APPLICATION AND  
NOTICE OF INCOMPLETE REPLY

ASSISTANT COMMISSIONER FOR PATENTS

December 6, 2001

Page - 2 -

Docket No.: 601-1-098CIP

Sir:

Responsive to the Notice to File Missing Parts and Notices of Incomplete Reply (Non-Provisional) dated 6/6/01, 9/27/01 and 11/16/01 respectively, (copy enclosed) under 37 CFR 1.53(d), Applicants submit herewith the following:

1. Substitute drawings of Figures 1A through 19, sheets 1 through 34, submitted in compliance with 37 CFR 1.84.
1. A paper copy of a Sequence Listing for insertion into the Application as filed at the end of the Specification and prior to the Claims.
2. A copy of the Sequence Listing in computer readable form (ASCII text), submitted on a 3½" floppy disk compatible with IBM format.
3. A statement in support of the filing and submission of a Sequence Listing in accordance with 37 CFR 1.821 - 1.825.
4. A Petition for a Three Month Extension of Time under 37 CFR 1.136.
5. A copy of the Notices of Incomplete Reply (Non Provisional).
6. A check in the amount of \$460.00 covering the following:
  - (a) Fee for Three-Month Extension of time under 37 CFR 1.17 \$460.00
  - (d) Small entity status is entitled to be asserted for the above-identified application under 37 C.F.R. §1.27(c).

The time set for this response is December 6, 2001.

Applicants hereby authorize that any charges in addition to the above authorized that relate to the filing and processing of the present Application in accordance with 37 CFR 1.16 and 1.17 may be charged to Deposit Account No. 11-1153.

ASSISTANT COMMISSIONER FOR PATENTS

December 6, 2001

Page - 3 -

Docket No.: 601-1-098CIP

Respectfully submitted,



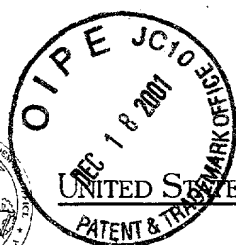
CHRISTINE E. DIETZEL

Attorney for Applicant(s)

Registration No. 37,309

CED/mb  
Enclosures

TO: 601-1-098CIP



UNITED STATES PATENT AND TRADEMARK OFFICE

COMMISSIONER FOR PATENTS  
UNITED STATES PATENT AND TRADEMARK OFFICE  
WASHINGTON D.C. 20231  
www.uspto.gov

APPLICATION NUMBER	FILING/RECEIPT DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
09/832,292	04/10/2001	Alexey Ryazanov	601-1-098CIP

CONFIRMATION NO. 8327

## FORMALITIES LETTER



\*OC000000006801525\*

23565  
KLAUBER & JACKSON  
411 HACKENSACK AVENUE  
HACKENSACK, NJ 07601

Date Mailed: 09/27/2001

## NOTICE OF INCOMPLETE REPLY (NONPROVISIONAL)

*Filing Date Granted*

The U.S. Patent and Trademark Office has received your reply on 08/07/2001 to the Notice to File Missing Parts (Notice) mailed 06/06/2001 and it has been entered into the nonprovisional application. The reply, however, does not include the following items required in the Notice.

The period of reply remains as set forth in the Notice. You may, however, obtain EXTENSIONS OF TIME under the provisions of 37 CFR 1.136 (a) accompanied by the appropriate fee (37 CFR 1.17(a)).

A complete reply must be timely filed to prevent ABANDONMENT of the above-identified application

The application is informal since it does not comply with the regulations for the reason(s) indicated below.

The required item(s) identified below must be timely submitted to avoid abandonment:

- Substitute drawings in compliance with 37 CFR 1.84 because:
  - drawing sheets do not have the appropriate margin(s) (see 37 CFR 1.84(g)). Each sheet must include a top margin of at least 2.5 cm. (1 inch), a left side margin of at least 2.5 cm. (1 inch), a right side margin of at least 1.5 cm. (5/8 inch), and a bottom margin of at least 1.0 cm. (3/8 inch);
  - Drawings must be reasonably free from erasures and must be free from alterations, overwritings, interlineations, folds, and copy marks.
  - Numbers, letters, and reference characters must measure at least 0.32 cm (1/8 inch) in height.
  - drawings submitted to the Office are not electronically reproducible. Drawing sheets must be submitted on paper which is flexible, strong, white, smooth, non-shiny, and durable (see 37 CFR 1.84(e));
- This application clearly fails to comply with the requirements of 37 C.F.R. 1.821-1.825. Applicant's attention is directed to the final rulemaking notice published at 55 FR 18230 (May 1, 1990), and 1114 OG 29 (May 15, 1990). If the effective filing date is on or after July 1, 1998, see the final rulemaking notice published at 63 FR 29620 (June 1, 1998) and 1211 OG 82 (June 23, 1998). If the effective filing date is on or after September 8, 2000, see the final rulemaking notice published in the Federal Register at 65 FR 54604 (September 8, 2000) and 1238 OG 145 (September 19, 2000). Applicant must provide an initial computer readable form (CRF) copy of the "Sequence Listing", an initial paper or compact disc copy of the

DOCKETED OF

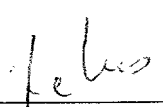
"Sequence Listing", as well as an amendment directing its entry into the application. Applicant must also provide a statement that the content of the sequence listing information recorded in computer readable form is identical to the written (on paper or compact disc) sequence listing and, where applicable, includes no new matter, as required by 37 CFR 1.821(e), 1.821(f), 1.821(g), 1.825(b), or 1.825(d). If applicant desires the sequence listing in the instant application to be identical with that of another application on file in the U.S. Patent and Trademark Office, such request in accordance with 37 CFR 1.821(e) may be submitted in lieu of a new CRF.

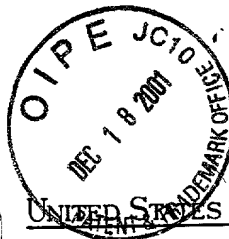
For questions regarding compliance to these requirements, please contact:

- For Rules Interpretation, call (703) 308-4216
- To Purchase PatentIn Software, call (703) 306-2600
- For PatentIn Software Program Help, call (703) 306-4119 or e-mail at [patin21help@uspto.gov](mailto:patin21help@uspto.gov) or [patin3help@uspto.gov](mailto:patin3help@uspto.gov)

---

*A copy of this notice MUST be returned with the reply.*

  
\_\_\_\_\_  
Customer Service Center  
Initial Patent Examination Division (703) 308-1202  
PART 1 - ATTORNEY/APPLICANT COPY



UNITED STATES PATENT AND TRADEMARK OFFICE

COMMISSIONER FOR PATENTS  
UNITED STATES PATENT AND TRADEMARK OFFICE  
WASHINGTON, D.C. 20231  
[www.uspto.gov](http://www.uspto.gov)

APPLICATION NUMBER	FILING/RECEIPT DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
09/832,292	04/10/2001	Alexey Ryazanov	601-1-098CIP

23565  
KLAUBER & JACKSON  
411 HACKENSACK AVENUE  
HACKENSACK, NJ 07601

CONFIRMATION NO. 8327

## FORMALITIES LETTER



\*OC000000006153805\*

Date Mailed: 06/06/2001

## NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

**FILED UNDER 37 CFR 1.53(b)**

**Filing Date Granted**

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given **TWO MONTHS** from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The statutory basic filing fee is missing.  
*Applicant must submit \$ 710 to complete the basic filing fee and/or file a small entity statement claiming such status (37 CFR 1.27).*
- Total additional claim fee(s) for this application is \$3612.
  - **\$702** for **39** total claims over 20.
  - **\$2640** for **33** independent claims over 3 .
  - **\$270** for multiple dependent claim surcharge.
- The oath or declaration is missing.  
*A properly signed oath or declaration in compliance with 37 CFR 1.63, identifying the application by the above Application Number and Filing Date, is required.*
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(e) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.
- **The balance due by applicant is \$ 4452.**

The application is informal since it does not comply with the regulations for the reason(s) indicated below.

The required item(s) identified below must be timely submitted to avoid abandonment:

- Substitute drawings in compliance with 37 CFR 1.84 because:
  - drawing sheets do not have the appropriate margin(s) (see 37 CFR 1.84(g)). Each sheet must include a top margin of at least 2.5 cm. (1 inch), a left side margin of at least 2.5 cm. (1 inch), a right side margin of at least 1.5 cm. ( 5/8 inch), and a bottom margin of at least 1.0 cm. (3/8 inch);
  - Numbers, letters, and reference characters must measure at least 0.32 cm (1/8

inch) in height.

- drawings submitted to the Office are not electronically reproducible. Drawing sheets must be submitted on paper which is flexible, strong, white, smooth, non-shiny, and durable (see 37 CFR 1.84(e));
- This application clearly fails to comply with the requirements of 37 C.F.R. 1.821-1.825. Applicant's attention is directed to the final rulemaking notice published at 55 FR 18230 (May 1, 1990), and 1114 OG 29 (May 15, 1990). If the effective filing date is on or after July 1, 1998, see the final rulemaking notice published at 63 FR 29620 (June 1, 1998) and 1211 OG 82 (June 23, 1998). If the effective filing date is on or after September 8, 2000, see the final rulemaking notice published in the Federal Register at 65 FR 54604 (September 8, 2000) and 1238 OG 145 (September 19, 2000). Applicant must provide an initial computer readable form (CRF) copy of the "Sequence Listing", an initial paper or compact disc copy of the "Sequence Listing", as well as an amendment directing its entry into the application. Applicant must also provide a statement that the content of the sequence listing information recorded in computer readable form is identical to the written (on paper or compact disc) sequence listing and, where applicable, includes no new matter, as required by 37 CFR 1.821(e), 1.821(f), 1.821(g), 1.825(b), or 1.825(d). If applicant desires the sequence listing in the instant application to be identical with that of another application on file in the U.S. Patent and Trademark Office, such request in accordance with 37 CFR 1.821(e) may be submitted in lieu of a new CRF.

**For questions regarding compliance to these requirements, please contact:**

- For Rules Interpretation, call (703) 308-4216
- To Purchase PatentIn Software, call (703) 306-2600
- For PatentIn Software Program Help, call (703) 306-4119 or e-mail at [patin21help@uspto.gov](mailto:patin21help@uspto.gov) or [patin3help@uspto.gov](mailto:patin3help@uspto.gov)

---

*A copy of this notice **MUST** be returned with the reply.*

---

Customer Service Center  
Initial Patent Examination Division (703) 308-1202

PART 2 - COPY TO BE RETURNED WITH RESPONSE

T.037.31.4622.060